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cistar**
ASSOCIATES, INC.

ENVIRONMENTAL RESOURCE CONSULTANTS

RCRA RECORDS CENTER

FACILITY Aerovox IncID. NO. MA 062317777FILE LOC. Alum ResorOTHER (2-9)

#14

November 3, 1997

Mr. Peter Szwaja
Aerovox
740 Belleville Avenue
New Bedford, MA 02745

Aerovox
2.3
248134

Re: PCB Testing Results

Dear Mr. Szwaja;

As requested, CISTAR has completed an evaluation of polychlorobiphenyls (PCBs) within several areas of the Aerovox, New Bedford, MA facility. This evaluation included collection of samples at six locations within the facility. As previously described, NIOSH Method 5503 was utilized for this evaluation.

On Friday, 17 October 1997, Michael Geisser and Deborah Pereira (for the conclusion of sampling and sample station dismantling) of CISTAR visited the facility for the purpose of collecting the samples. Mr. Geisser established sampling stations at six (6) locations as directed by the Owner's representative. Each sampling station consisted of a low volume personal sampling pump with a previously calibrated field rotometer, florasil tube and glass filter cassette in line. This particular sampling set up is designed to allow for collection and analysis of both aerosol and particulate PCBs.

As each sampling station was established, the flow rate was checked to insure a collection rate of 1.0 liter per minute (lpm). The field rotometer remained in line for the entire sampling period to allow for continuous verification of the sampling flow rate. Each sample set was allowed to run for approximately 500 minutes. One blank each for aerosol and particulate was opened within the facility.

At the conclusion of the sampling period, each previously labeled florasil tube and filter cassette (including the two blanks) was capped and sealed then individually packaged in protective wrap for transport under chain of custody protocol to a licensed laboratory for analysis. Samples were received at Environmental Health Laboratory (EHL) of Cromwell, CT on 20 October 1997.

1017 TURNPIKE STREET • CANTON, MASSACHUSETTS 02021 • 617-821-4142
1240 PAWTUCKET AVE. • EAST PROVIDENCE, RHODE ISLAND 02916 • 401-431-9044

*Page Two**Aerovox/PCB Results Summary**November 3, 1997*

The samples aerosol and particulate samples were analyzed and the results reported separately. Analysis was accomplished via gas chromatography; electron capture detector, NIOSH Method 5503. As indicated on the attached EHL Laboratory Analysis Report, PCB Arochlor 1016 was used for quantification.

Provided below is a summary table of the sample station locations with pertinent information and the analytical results.

Sample Number	Sample Type	Collection Location	Air Volume (L/hrs)	Sample Result (mg PCB/m ³)
A-1A	PCB - aerosol	At pole 1B10A	501	0.012
A-2A	PCB - aerosol	At pole 1B4B	498	0.014
A-3A	PCB - aerosol	At pole 1D5A	502	0.024
A-4A	PCB - aerosol	Next to pole 2B7 at tank AA	502	0.0091
A-5A	PCB - aerosol	At pole 2F7	503	0.018
A-6A	PCB - aerosol	Exterior at Nitrogen pad	499	<0.00020
A-7A	Blank-aerosol	NA - blank	NA - blank	<0.00010 mg
A-1	PCB- particulate	At pole 1B10A	501	0.00043
A-2	PCB- particulate	At pole 1B4B	498	<0.00039
A-3	PCB- particulate	At pole 1D5A	502	0.00049
A-4	PCB- particulate	Next to pole 2B7 at tank AA	502	<0.00038
A-5	PCB- particulate	At pole 2F7	503	0.00042
A-6	PCB- particulate	Exterior at Nitrogen pad	499	<0.00039
A-7	Blank-particulate	NA - blank	NA - blank	<0.00019 mg



*Page Three**Aerovox/PCB Results Summary**November 3, 1997*

By way of interpretation of these results, the highest combined exposure total (0.02449 from sample location #3) is twenty (20) times below the more conservative Occupational Safety and Health Administration (OSHA) exposure limit of 0.5 mg PCBs/m³.

If you have any questions regarding the above described services and/or results, please feel free to call. CISTAR is pleased to have been of assistance with this matter.

Sincerely,



Deborah A. Pereira
Principal

DAP/mr

Enc.

cistar

LABORATORY ANALYSIS REPORTEnvironmental Health Laboratory
a division of CIGNA Loss Control Services, Inc.

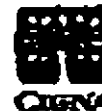
100 Schaefer Drive, Suite A-5

Cromwell, CT 06416

(800) 243-9903

Cromwell (959) 635-4475

Laboratories in Macon, GA and Cromwell, CT

To: Deb Parsons
Cistar Associates Inc.
1240 Pawtucket Ave.
E. Providence, RI 02916Report No.: 9731118
P. O. No.: C971689P
Date Received: 10/20/97
Date Reported: 10/29/97

Analysis: Polychlorinated Biphenyls (PCB's)

Analytical Method: Gas Chromatography, Electron Capture Detector, NIOSH 5503

Sample Number	Air Volume (Liters)	*mg PCB's/m ³
A-1A	501	0.012
A-2A	498	0.014
A-3A	502	0.024
A-4A	502	0.0091
A-5A	503	0.018
A-6A	499	<0.00020
A-7A-Blank	—	<0.00010 mg
A-1	501	0.00043
A-2	498	<0.00039
A-3	502	0.00049
A-4	502	<0.00038
A-5	503	0.00042
A-6	499	<0.00039
A-7-Blank	—	<0.00019 mg

*PCB Aroclor 1016 was used for quantitation.

Samples analyzed by gas chromatography were quantitated by matching the retention times of sample peaks with those of known compounds. A matching retention time is not proof of chemical identity.

On all solid sorbent tubes and 3M 3520 organic vapor monitors the front and backup sections were analyzed separately. Unless indicated, significant breakthrough was not detected.

Analyst: Christine Reigies *Christine Reigies* Date: 10/29/97
< = Less than